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TECH CENTER 1600/2900

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Fig. 3

5' → 3' 10 20 30 40 50 60
GGGGGGGGCT GCAGCTAGA GAATCCAC GAATCAAATG GGGGGGGGCA GAAGATGGAT
3' → 5' CTTAGTTTAC CGGGGGGGT CTTCTACGTA

70 80 90 100 110
GGCTGGAGGC GGGGGCAAGC TTCTATAG
COGAGCTCOG CGGGGGTTGG AAGATATCAC AGTGGATTAA GCATACAC

MCS-1: DNA sequence represented by _____

MCS-2: DNA sequence represented by ~~~~~

MCS-3: DNA sequence represented by _____

MCS-4: DNA sequence represented by _____



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Fig. 9

Lac operator of POPI3

5' → 3'
3' → 5'

BamHI
ACCTTGGTIGGAATCTAAAATACACAAACAATTAGGATCOCTGAGGAGCAGTTCTTTGAT
ACCAACCTTAGATTTATGTTGTTGTTAATCCTAGGGACTCTCGTCAAGAAACTA

TTCGACCAACCAGGAGCCTCAAAATTTCATAAAATTCACTGACTCACATTAGGACTTT
AACGTGGTGGCTCTGGAGTTAAAAGTTATTAAGTGGACTGACCGTGAATCCGTGAAA

GGCTTTGAGCTTCCCACCTCTCAGTTACTTGCTGAATACTGTCCTGTTCAATATA
CCGAAACTGAAAGGTGGAGAGTCATGAAAGGACTTATGACAGAGGAAGTAGTTATAATA

CATAGGTGTCCCCAAATGATATTGCAACCCCTTCCCTGTGGCTACTTGTCTCACCATG
GTATGCCACAOGGTTTACTATAACCTTGGGAAGGGACAAACGATGAACAGAGTGGTAAAC

BamHI

Sall

TAGCCCTAAATGGGAGACGGATCGGTAGTTAACACATTATACACTAGGGTGGACTGTTGGA
ATCCGGATTACCCCTCTGCTAGGCATCAAATTGTTGTAATATGIGATCCAGCTGACACCT

Sall

ATTTGTGACCCCTCACAAATTCCACAACTTACGGTCACTTGGAATTGGAGCGCTCACAA
TAACACTCGOGAGTGTTAAGGTGTTGGATCCAGCTGACACCTTAACACTCGOGAGTGTT

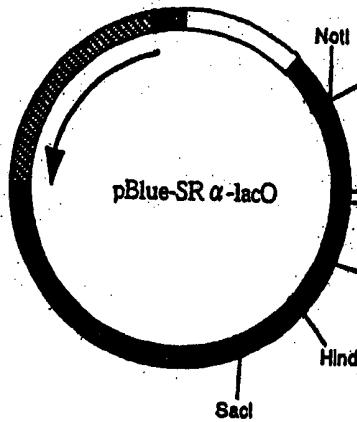
Sall

TTTCCACAACCTAGGGTCACTGTGGATTGAGGCGCTCACAAATTCCACAAACCTAGTAA
AAGGGTGTGGATCCACAGCTGACACCTTAACACTCGOGAGTGTTAACGTGTTGGATCATT

TTTTATATTACCTTGTAGAGCTTTAAATCTCTGTAGGTAGTTGTGCA
AAAATATAATGAAATCGAAATTAGAGACATCCATCAACAGGTGCA

HindIII

HindIII



Lac operator of POPI3